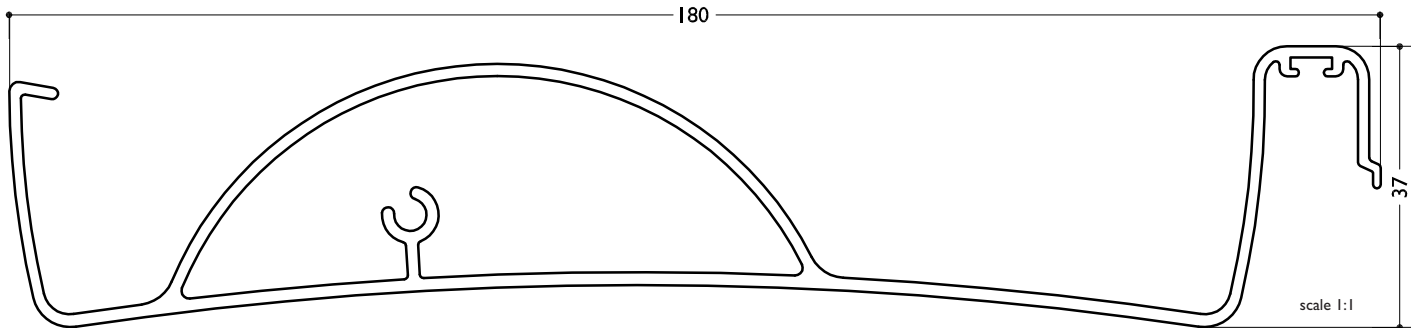


TECHNICAL DETAILS 180 CLASSIC ROOF



BLADE SPECIFICATIONS			
Blade cover - opening system	169 mm	Weight per linear metre - opening system	1.720 kg/lm
Weight per square metre - opening system	10.18 kg/sqm	Actual blade width	180 mm
Blade centres - opening system	169 mm		

SPANS AT A GLANCE NB: Refer Engineering Section. Climate, terrain, shielding, location, type of structure contribute to determine spans.

WIND ZONE	INSIDE	LOW	MEDIUM	HIGH	VERY HIGH	EXTRA HIGH
Factored wind speed at building	Self wt	32m/s 115 km/hr	37m/s 133 km/hr	44m/s 158 km/hr	50m/s 158 km/hr	55m/s 198 km/hr
Ultimate limit state loads (kPa)		+0.92 & -1.15	+1.23 & -1.53	+1.74 & -2.17	+2.24 & -2.80	+2.71 & -3.39
180 Classic Opening Roof	4500	3900	3700	3100	2700	2450

INSTALLATION OPTIONS



CALCULATE OPTIMUM FRAME OPENING SIZES FOR SPIRAL PIVOT

Span: Check engineering span limits
Pivot: Calculation example showing 17 blades

STEP 1

16 blades x 169 Crs 2704
 1 blade at 180 (blade size)+ 180
 17 blades =2884

STEP 2

Blade cover 2884
 +2/22mm clearance @ ends = 44
 Total exact pivot length =2928
 Extra width 185mm gutter provides cover if clearance increases over 22mm at ends
 Blade direction either Right Hand up or Left Hand up

CHOOSE DIRECTION OF BLADE PIVOT

